### Principles for Defending your Core from Invasive Annual Grasses



MAGINE



# 🔣 Act Proactively

grasses. Acting proactively doesn't mean only working in application to ventenata growing among competitive grasses (strategic Early Detection and Rapid Response (EDRR)). changes in an ecosystem like mismanaged grazing or wildfire





### Leverage Ecology

allows us to devise strategies targeted at situations. Breaking the cycle of seed viable seeds from the soil are all critical concepts for long-term reduction in annual grass focusing on actions that maintain or enhance

### Consider Landscape Context

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Understanding the distribution of invasive annual grass patches relative to other areas with important habitat characteristics allows us to develop a spatially explicit plan to reduce further loss of high-quality rangelands while reducing impacts of invasive annual grasses. "Scan the invasion horizon" for threats and opportunities. As problem solvers, we often focus on the most impacted areas because they need to be improved. The "defend and grow your core" philosophy encourages us to consider defending or conserving areas with minimal invasive grass impacts. Think about how and where invasion processes such as propagule pressure, source populations, and ecological thresholds are operating in your area and in surrounding areas. By examining the surrounding areas, it can help us to determine where our management fits within the larger landscape. Plan for every acre in your management area.

## Work Together 🚘

Teamwork is critical because invasion occurs at large scale and requires management actions that operate at large scale and across jurisdictional boundaries. To manage considering landscape context, we must develop that context — acquiring and sharing information beyond our specific ranch, management unit, or field office. Working together diversifies knowledge and experience, brings new ideas to the discussion, and provides the chance to pool complementary skills and resources. A single ranch management team can likely devise and implement a very good plan for that ranch, whereas a diverse team including multiple landowners, agency personnel, scientists, and others may be needed on large-scale projects encompassing multiple land ownerships.



# ∞) Stay Committed

new, but it takes intentional effort to





This set of principles was developed by the Invasive Annual Grasses Tech Transfer Partnership, consisting of members from the agencies and institutions shown below. Strategic management of invasive annual grasses is inherently site- and situation-specific, so rather than prescribing a set of actions and recommendations, we articulated a core set of principles intended to encourage land managers to consider how to build a program focused on proactive management at meaningful scales. Western rangelands need strategic action, and the partnership's intent is to empower land managers to succeed in their efforts. For more information, please visit www.invasivegrasses.com.





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